


ORIGINAL TO GENERAL FILES

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BRZLB-007(2) Baker County **OFFICE** Preconstruction
P. I. No. 471420
DATE June 8, 1999
FROM  C. Wayne Hutto, Assistant Director of Preconstruction
TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/cj

Attachment

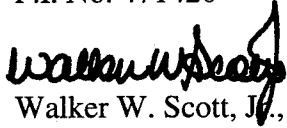
DISTRIBUTION:

Walker Scott
Bobby Mustin
David Studstill (ATTN: Harvey Keeper)
Jerry Hobbs
Herman Griffin
Georgene Geary (ATTN: Michael Henry)
Marion Waters
Marta Rosen
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Don Mills
David Crim

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BRZLB-007(2) Baker County **OFFICE** Preconstruction
P.I. No. 471420
DATE April 23, 1999

FROM  Walker W. Scott, Jr., P.E., Director of Preconstruction

TO Wayne Shackelford, Commissioner

SUBJECT PROJECT CONCEPT REPORT

This project is the replacement of a narrow and structurally deficient bridge on CR 121/Clear Lake Road over Chickasawhatchee Creek, approximately 8.9 miles northwest of Newton, Georgia. The existing bridge 240' x 22' is in poor condition with general deterioration throughout the entire structure. The bridge has a sufficiency rating of 21. Baker County is planning to temporarily repair the substructure utilizing straddler bents and helper bents. This work will be done utilizing a county contract. The existing approaches consist of a two lane roadway (18' paving) with 5' rural shoulders on 80' of existing right-of-way. The base year traffic (2004) for this project is 220 VPD and the design year (2024) projection is 300 VPD. The posted speed and the design speed are 55 MPH.

The construction proposes to replace the existing bridge with a 240' x 28' concrete structure over Will Creek along the existing alignment. The approaches will consist of two, 11' lanes with 5' rural shoulders on 100' of proposed right-of-way. The roadway will be closed to traffic during construction. Baker County will be responsible for the signing and maintenance of detour routes.

Environmental concerns include requiring a COE 404 permit; a Categorical Exclusion will be prepared; a public hearing is not required; time saving procedures are appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$646,000	\$725,000	2002	01-10
Right-of-Way & Utilities*	Local	Local		

*Baker County signed LGPA on 11-9-98 for right-of-way, utilities, and detours.

Wayne Shackelford

Page 2

BRZLB-007(2) Baker

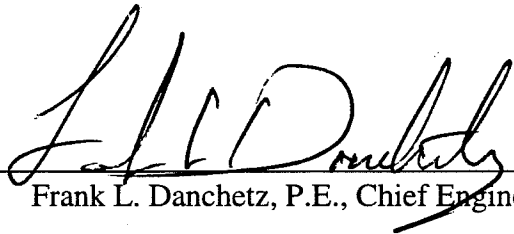
April 23, 1999

This project is in the STIP. I recommend this project concept be approved.

WWS:JDQ/cj

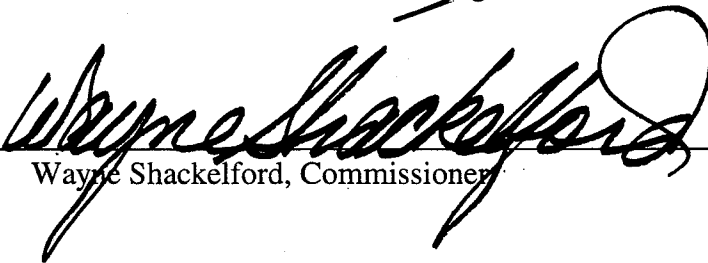
Attachment

CONCUR



Frank L. Danchetz, P.E., Chief Engineer

APPROVE



Wayne Shackelford, Commissioner

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: BRZLB-007(2) Baker
P.I. Number 471420

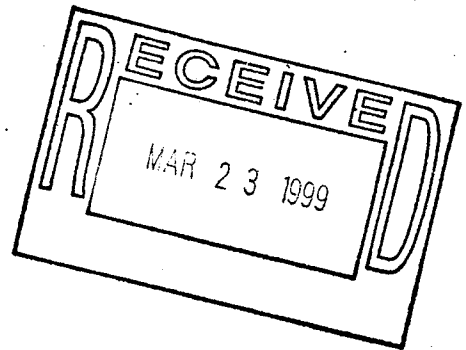
OFFICE: Atlanta, Georgia

DATE: March 22, 1999

FROM: Bob Mustin, Project Review Engineer *OTM*

TO: Wayne Hutto, Assistant Director of Pre-construction

SUBJECT: CONCEPT REPORT



We have reviewed the concept report submitted March 22, 1999 by the letter from Zane Hutchinson dated March 15, 1999, and have no comments.

The costs for the project are:

Construction	\$513,000
Inflation	\$ 51,000
E&C	\$ 56,000
Preliminary Engineering	\$ 26,000
Reimbursable Utilities	\$ 38,300 (LGPA)
Right of Way	\$? (LGPA)

DTM

c: Zane Hutchinson

PROJECT CONCEPT REPORT

BRS LB-1586 (4) P. I. NO. 442860 BAKER COUNTY

Federal Route No.: NONE

Date of Report: March 15, 1999

State Route No.: NONE

RECOMMENDATION FOR APPROVAL

This project is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or STIP.

Date

State Transportation Planning Administration

Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

Date

District Engineer/Tifton

Date

Project Review Engineer

Date

State Traffic Operation Engineer

Date


State Bridge & Structural Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE Baker County OFFICE Tifton

DATE March 24, 1999

FROM 
Roger H. Fowler, District State Aid Coordinator

TO Zane G. Hutchinson, District Design Engineer
Tifton

SUBJECT BAKER COUNTY
CONSTRUCTION WORK PROGRAM BRIDGE PROJECTS

In a letter wrote to you on February 16, 1999, Baker County had planned to rehabilitate the following bridge by disassembling and replacing all pilings. There has been a change in plan. These bridges are to be repaired by Stradler Bents and or helper Bents.

Clear Lake Road (CR 121) over Chickasawhatchee Creek
Jones Road (CR-67/S-1586) over Mill Creek

If additional information is needed, please advise.

RHF/da
c: Ronnie Nix, Assistant State Aid Administrator

PROJECT CONCEPT REPORT

BRZLB-007 (2) P. I. NO. 471420 BAKER COUNTY


Federal Route No.: NONE

Date of Report: March 15, 1999

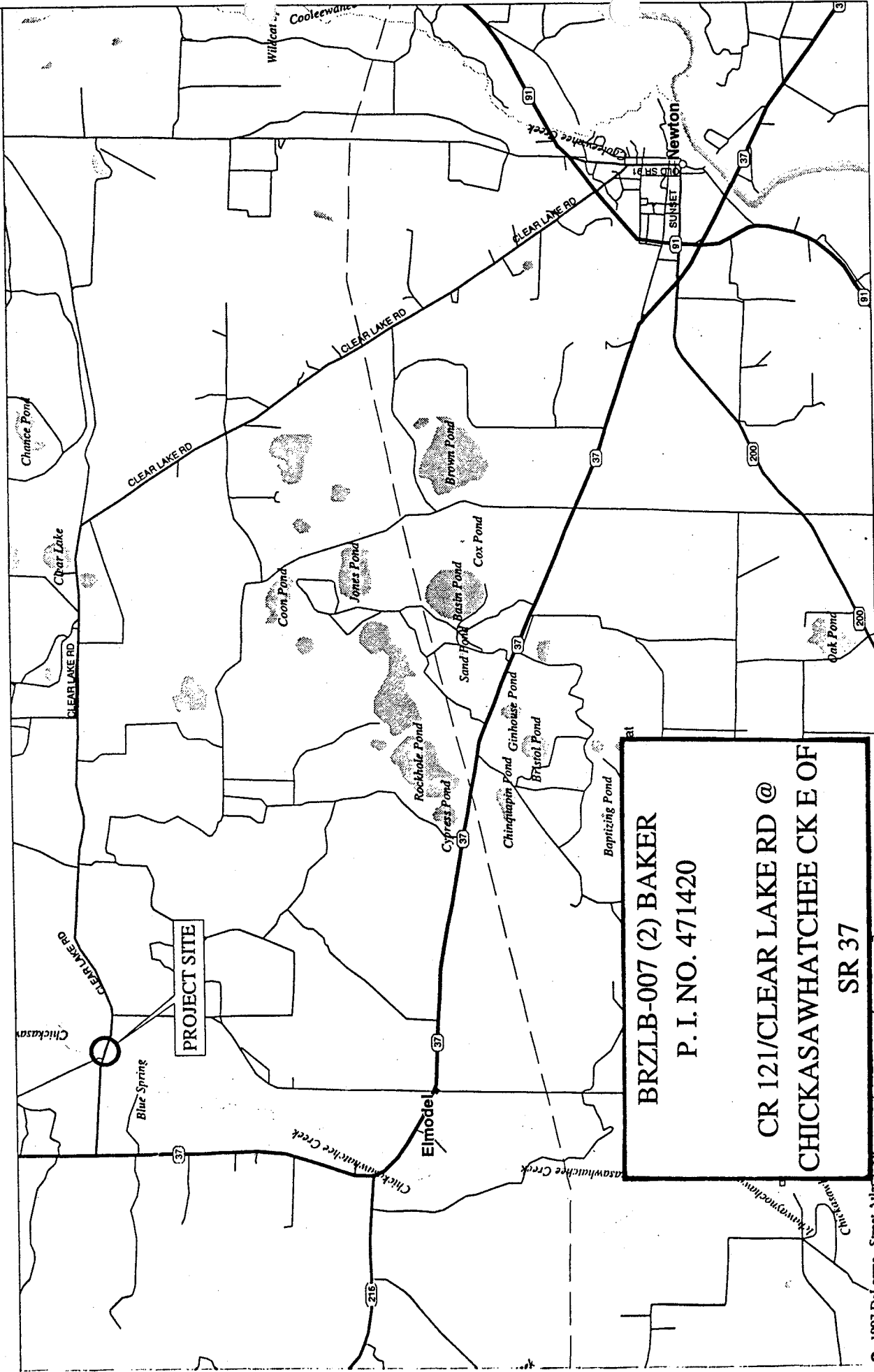
State Route No.: NONE

RECOMMENDATION FOR APPROVAL

This project is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or STIP.

Date	State Transportation Planning Administration
Date	State Transportation Programming Engineer
Date	State Environmental/Location Engineer
3-15-99	
Date	District Engineer/Tifton
Date	Project Review Engineer
Date	State Traffic Operation Engineer
Date	State Bridge & Structural Engineer

LOCATION SKETCH



PROJECT CONCEPT REPORT

PROJECT NUMBER: BRZLB-007 (2)

PROJECT LOCATION AND DESCRIPTION

BRZLB-007 (2) is a bridge replacement on CR. 121/Clear Lake Road in Baker Co. at Chickasawhatchee Creek East of SR 37. The existing typical section is a Rural two lane roadway with open ditches on 80 ft. of Rights of Way. The proposed typical section is a Rural two lane roadway with open ditches on 100 ft. of Rights of Way. The roadway will be closed during construction with Baker Co. furnishing the off-site detour. The project will begin at approximately ML 8.40 and the concept goes East for 0.12 miles to the end of the project at ML 8.52.

TRAFFIC

CURRENT

YEAR	AADT
2004	220

PROJECTED

YEAR	AADT
2024	300

PDP CLASSIFICATION

MINOR

NON-CA ()

CA ()

FUNCTIONAL CLASSIFICATION

RURAL MINOR COLLECTOR

EXEMPT (X)

N/A ()

NEED AND PURPOSE

The bridge is narrow and dangerous with a Sufficiency Rating is 21.3

EXISTING ROADWAY

TYPICAL SECTION:	2-Lane Rural(18 ft. of asphalt paving, 5 ft. graded shoulders with open ditches.)	RIGHT-OF-WAY WIDTH 80 FT.
POSTED SPEED	DEGREE OF CURVE	MAX GRADE
55 mph	4	1 %

MAJOR STRUCTURES

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH	PRIORITY RATING	SUFF. RATING
Chickasawhatchee Creek	240	22	N/A	21.3

HAZARD INDEX: N/A

PROPOSED ROADWAY

LOCATION ON OLD ALIGNMENT

TYPICAL SECTION:	2-Lane Rural(22 ft. of asphalt paving, 5 ft. graded shoulders with 4:1 front slopes and open ditches.)			
DESIGN SPEED	DEGREE OF CURVE		MAX. GRADE	
55 MPH	ALLOWABLE	6	ALLOWABLE	7 %
	PROPOSED	4	PROPOSED	1 %

PROPOSED MAJOR STRUCTURES

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH
Chickasawhatchee Creek	240	32' 2" <i>del.</i>

PROPOSED RIGHT-OF-WAY

RIGHT-OF-WAY WIDTH	PARCELS IMPACTED	DISPLACEMENTS			
100 FT.	3	RES.: 0	BUS.: 0	M. H.: 0	

TYPE OF ACCESS CONTROL: By permit.

COORDINATION AND SCHEDULING

CONCEPT TEAM MEETING DATE: FEBRUARY 18, 1999

CONFORM TO TIP/STIP? YES X NO

MEET LOGICAL TERMINI REQUIREMENTS? YES X NO

P.A.R. MEETING: N/A

PERMITS REQUIRED: NATIONWIDE 404

LEVEL OF PUBLIC INVOLVEMENT: NONE

SCHEDULING CONSIDERATIONS:

TIME TO COMPLETE ENVIRONMENTAL: 10 MONTHS

TIME TO COMPLETE PRELIMINARY RD/RW PLANS: 8 MONTHS

TIME TO COMPLETE 404 PERMIT: 10 MONTHS

TIME TO COMPLETE FINAL CONSTRUCTION PLANS: 12 MONTHS

TIME TO BUY RIGHTS-OF-WAY: 12 MONTHS

OTHER PROJECTS IN AREA: BRSLB-1630 (4), BRSLB-1586 (4) BAKER CO.

LOCAL GOVERNMENT COMMITMENTS: LGPA

MISCELLANEOUS

TRAFFIC CONTROL DURING CONSTRUCTION: Road to be closed during construction. Baker Co. will furnish an off site detour.

LEVEL OF ENVIRONMENTAL ANALYSIS: C.E.

UNDERGROUND STORAGE TANKS: NONE

HAZARDOUS WASTE SITES: NONE

DESIGN VARIATIONS REQUEST

	YES	NO	UNDETERMINED
SUBSTANDARD HORIZONTAL ALIGNMENT	()	(X)	()
SUBSTANDARD ROADWAY WIDTH	()	(X)	()
SUBSTANDARD SHOULDER WIDTH	()	(X)	()
SUBSTANDARD VERTICAL GRADES	()	(X)	()
SUBSTANDARD CROSS SLOPES	()	(X)	()
SUBSTANDARD STOPPING SIGHT DISTANCE	()	(X)	()
SUBSTANDARD SUPERELEVATION RATES	()	(X)	()
SUBSTANDARD HORIZONTAL CLEARANCE	()	(X)	()
SUBSTANDARD SPEED DESIGN	()	(X)	()
SUBSTANDARD VERTICAL CLEARANCE	()	(X)	()
SUBSTANDARD BRIDGE WIDTH	()	(X)	()
SUBSTANDARD BRIDGE STRUCTURAL CAPACITY	()	(X)	()

ALTERNATIVES CONSIDERED

No build

ESTIMATED COST

CONSTRUCTION:	\$ 513,180.00	RIGHT-OF-WAY:	\$ 0.00
E & C (10%):	\$ 51,318.00	ACQUIRED BY:	BAKER CO.
INFLATION:	\$ 56,449.80	UTILITIES:	\$ 38,300.00
(2 yrs at 5% per yr.): 10 %		ADJUSTED BY:	UTILITIES COMPANIES
TOTAL CONSTRUCTION COST:	\$ 620,947.00		

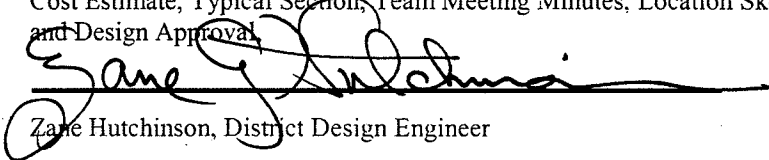
COMMENTS

Proposing a 32 ft. bridge because the existing roadway has 5 ft. shoulders and we are matching the existing shoulders and taking them across the bridge.

It is recommended that this project be scheduled for bridge replacement.

ATTACHMENTS: Cost Estimate, Typical Section, Team Meeting Minutes, Location Sketch. Traffic Count, Accident History, Location and Design Approval

PREPARED BY:


Zane Hutchinson, District Design Engineer

PRELIMINARY COST ESTIMATE

PROJECT NO.	BRZLB-007 (2)		COUNTY:	BAKER
P. I. NO.	471420			
DATE:	March 15, 1999	ESTIMATED LETTING DATE:	OCT. 2001	
PREPARED BY:	ZANE HUTCHINSON			
()	PROGRAM PROCESS	(X)	CONCEPT DEVELOPMENT	() DURING PROJECT DEVELOPMENT

PROJECT COST		
A. RIGHT OF WAY		
1. PROPERTY (Land & Easement)	\$	0.00
2. DISPLACEMENTS (RES:0, BUS: 0, M.H.: 0)	\$	0.00
3. OTHER COSTS (ADM./COST INFLATION)	\$	0.00
SUBTOTAL: A		\$ 0.00
B. REIMBURSABLE UTILITIES		
1. RAILROAD	\$	N/A
2. TRANSMISSION LINES	\$	38,300.00
3. SERVICES	\$	N/A
SUBTOTAL: B		\$ 38,300.00
C. CONSTRUCTION		
1: MAJOR STRUCTURES		
a. BRIDGES	\$	384,000.00
b. OTHERS (APPROACH SLABS)	\$	20,200.00
SUBTOTAL: C-1		\$ 404,200.00
2. GRADING & DRAINAGE		
a. EARTHWORK	\$	45,000.00
b. DRAINAGE:		
1) Cross Drain Pipe	\$	N/A
2) Curb & Gutter	\$	N/A
3) Longitudinal System (including catch basins)	\$	N/A
SUBTOTAL: C-2		\$ 45,000.00
3. BASE & PAVING		
a. AGGREGATE BASE	\$	N/A
b. ASPHALT PAVING		
1) Surface	\$	6,500.00
2) Binder	\$	2,800.00
3) Base	\$	3,500.00
c: CONCRETE PAVING	\$	N/A
d. OTHERS	\$	N/A
SUBTOTAL: C-3		\$ 12,800.00

4. LUMP SUM

a. GRASSING	\$ 500.00
b. CLEARING & GRUBBING	\$ 4,000.00
c. LANDSCAPING	\$ N/A
d. EROSION CONTROL	\$ 7,000.00
e. TRAFFIC CONTROL	\$ 0.00
f. REMOVAL OF EXISTING BRIDGE	\$ 31,680.00
g. CONSTRUCT, MAINT., & REMOVE DETOUR STRUCTURE	\$ 0.00

SUBTOTAL: C-4 \$ 43,180.00

5. MISCELLANEOUS

a. LIGHTING	\$ N/A
b. SIGNING & MARKING	\$ 200.00
c. GUARDRAIL	\$ 7,800.00
d. SIDEWALK	\$ N/A

SUBTOTAL: C-5 \$ 8,000.00

6. SPECIAL FEATURES

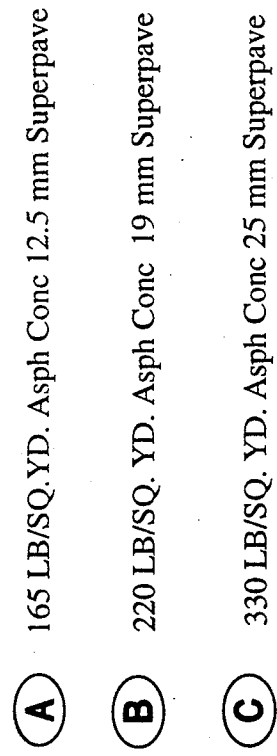
\$ N/A

SUBTOTAL: C-6 \$ 0.00

ESTIMATE SUMMARY

A. RIGHT OF WAY			\$	0.00	
B. REIMBURSABLE UTILITIES			\$	38,300.00	
C. CONSTRUCTION					
1. MAJOR STRUCTURES			\$	404,200.00	
2. GRADING & DRAINAGE			\$	45,000.00	
3. BASE & PAVING			\$	12,800.00	
4. LUMP ITEMS			\$	43,180.00	
5. MISCELLANEOUS			\$	8,000.00	
6. SPECIAL FEATURES			\$	0.00	
<i>SUBTOTAL CONSTRUCTION COST</i>					\$ 513,180.00
E & C (10%)					\$ 51,318.00
INFLATION (5% PER YEAR)	NUMBER OF YEARS	2			\$ 56,449.80
<i>TOTAL CONSTRUCTION COST</i>					\$ 620,947.80
<i>GRAND TOTAL PROJECT COST</i>					\$ 659,247.80

P. I. No. 471420



Hutchinson, Zane

From: Ebodaghe, Abby
Sent: Tuesday, January 26, 1999 2:55 PM
To: Hutchinson, Zane
Subject: Traffic for CR 121/Clear Lake Rd. @ Chickasawhatchee Creek E of SR 37.

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE BRZLB-007(2), Baker County **OFFICE** Environment/ Location
P.I. # 471420

DATE January 26, 1999

FROM David E. Studstill, P.E., State Environment/ Location

TO David Crim, District Engineer
Attn: Zane Hutchinson

SUBJECT We are furnishing estimated traffic assignments for the above projects as follows:

2004 AADT =220
2024 AADT = 300
K = 10%
D = 55%
T = 4%
24 HR. T = 8%
S.U. = 3%
COMB. = 5%

If you have any questions concerning this information please contact Gary Langford at (404) 699-4404.

SECTION 1 - Location & Geography

Screen 1

* Structure I.D. No.: 007-5010-0
 200 Bridge Information: 06

* 6A Feature Int.: CHICKASAWHATCHEE CREEK
 * 6B Critical Bridge: 0
 * 7A Route Number Carried: CR00121
 * 7B Facility Carried: CLEAR LAKE ROAD
 * 9 Location: 8.9 MI NW OF NEWTON
 2 DOT District: 4
 207 Year Photo: 95

* 91 Inspection Frequency: 24 Date: 12/96
 92A Fract Crit Insp Freq: 0 00 Date: 02/01
 92B Underwater Insp Freq: 1 60 Date: 08/97
 92C Other Spec. Insp Freq: 0 00 Date: 02/01

* 4 Place Code: 00000

* 5 Inventory Route (O/U): 1
 Type.....: 4
 Designator.: 1
 Number.....: 00121
 Direction...: 0

* 16 Latitude.: 31-23.0
 * 17 Longitude: 084-28.0

98 Border Bridge: 000 %Shared: 00
 99 ID. Number....: 0000000000000000

*100 Defense Highway.....: 0
 *101 Parallel Structure...: N
 *102 Direction of Traffic: 2
 264 Road Inventory Mile Post: 008.43 _

*208 Inspection Area: 11 Initials: JWH

*Location I.D. No: 007-00121X-00843W
 *XReferen I.D. No: 000-000000-000000

SECTION 1 - CONTINUED

Screen 2

*104 Highway System.....: 0
 * 26 Functional Classification: 08
 *204 Federal Route Type: 0 No:00000
 *110 Truck Route.....: 0
 206 School Bus Route.....: 1
 217 Benchmark Elevation....:0200.00
 218 Datum.....: 1

* 19 Bypass Length.....: 06
 * 20 Toll.....: 3
 * 21 Maintenance.....: 02
 * 22 Owner.....: 02
 31 Design Load.....: 1
 37 Historical Significance: 5
 205 Congressional District.: 02
 * 27 Year Constructed.....: 1955
 106 Year Reconstructed.....: 0000
 33 Bridge Median.....: 0
 34 Skew.....: 00
 35 Structure Flared.....: 0
 38 Navigation Control.....: 0
 213 Special Steel Design...: 0
 267 Type of Paint.....: 0
 * 42 Type Service On: 1
 Under: 5
 214 Movable Bridge....: 00

203 Type Bridge.....: C-K-A-O
 259 Pile Encasement.....: 3
 * 43 Structure Type Main: 1 01
 45 No. Spans Main.....: 016
 44 Structure Type Appr: 000
 46 No. Spans Appr.....: 0000
 226 Bridge Curve Horz...: 0 Vert: 0
 111 Pier Protection.....: 0
 107 Deck Structure Type: 2

108 Wearing Surface Type: 6
 Membrane: 8
 Protection: 8
 *248 County Continuity No: 00

SECTION 2 - Signs & Attachments

Screen 3

225 Expansion Joint Type: 02
 242 Deck Drains.....: 1

243 Parapet Location: 0
 Height: 00.0
 Width: 00.0

238 Curb.....: 0 0 0
 239 Handrail.....: 9 9
 *240 Median Barrier Rail: 0

241 Bridge Median Height: 0.0
 Width: 00.0

*230 Guardrail Loc Dir Rear: 0
 Fwrd: 0
 Oppo Dir Rear: 0
 Fwrd: 0

244 Approach Slab.: 0
 224 Retaining Wall: 0

233 Posted Speed Limit: 00
 236 Warning Sign.....: 0
 234 Delineator.....: 0
 235 Hazard Boards.....: 0

237 Utilities Gas.....: 00
 Water.....: 00
 Electric.: 00
 Telephone: 00
 Sewer.....: 00

247 Lighting Street.....: 0
 Navigation: 0
 Aerial.....: 0

SECTION 3 - Programming Data

Screen 4

201 Project No.....UNKNOWN
 202 Plans Available.: 0
 249 Proposed Proj No:BRZLB-007 (2)
 250 Approval Status.: 0000
 251 P.I. No.....: 471420
 252 Contract Date...: 02/01/02
 260 Ranking No.....: 00000
 75 Type Work.....: 31 1
 94 Bridge Imp. Cost.: \$000247
 95 Roadway Imp. Cost.: \$000083
 96 Total Imp. Cost...: \$000400
 76 Imp. Length.....: 000451
 97 Imp. Year.....: 98
 114 Future ADT.....: 000540 Year: 17

SECTION 4 - Hydraulic Data

Screen 5

215 Waterway Data
 Highwater Elev....: 0194.0 Year: 72
 Flood Elev.....: 0000.0 Freq: 000
 Avg Streambed Elev: 0181.9
 Drainage Area.....: 00000
 Area of Opening...: 003375
 113 Scour Critical....: 6
 216 Water Depth.....: 02.0 Br. Height: 12.0
 222 Slope Protection...: 6
 221 Spur Dikes Rear...: 0 Fwd: 0
 219 Fender System.....: 0
 220 Dolphin.....: 0
 223 Culvert Cover.....: 000
 Type.....: 0
 No Barrels: 0
 Width.....: 00.0
 Height.....: 00.0
 Length.....: 000
 Apron.....: 0

*265 U/W Insp. Area: 2 Diver....: TSP

*Location I.D. No: 007-00121X-00843W

*XReferen I.D. No: 000-000000-000000

Screen 6 == SECTION 5 - Measurements

* 29 ADT.....: 000360 Year: 97
 109 % Trucks.....: 07
 * 28 Lanes On.....: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 254 FC Classification...: 0
 255 FC Rank Factor.....: 0003
 * 48 Max. Span Length....: 0015
 * 49 Structure Length....: 000240
 51 Br. Rdwy. Width.....: 022.0
 52 Deck Width.....: 023.6
 * 47 Tot. Horz. Cl.....: 22.0
 50 Curb/Sidewlk Width...: 00.0/00.0
 32 Approach Rdwy Width.: 018
 *229 Shlder Width
 Rear Lt: 06.0 Type: 8 Rt: 06.0
 Fwd Lt: 06.0 Type: 8 Rt: 06.0
 Pwment Width
 Rear: 18.0 Type: 2
 Fwd: 18.0 Type: 2
 Intersection Rear: 0 Fwd: 0
 36 Safety Features Br. Rail..: 2
 Transition...: 0
 App. G. Rail.: 0
 App. Rail End: 0

Screen 7

53 Minimum Cl. Over.: 99 99"
 54 Under: N 00 00"
 *228 Min. Vert. Cl
 Act. Odm. Dir...: 99 99"
 Oppo. Dir.....: 99 99"
 Posted Odm. Dir: 00 00"
 Oppo. Dir.....: 00 00"
 55 Lateral Undercl. Rt: N 99.9
 56 Lateral Undercl. Lt: 00.0
 * 10 Max Min Vert Cl.: 99 99" Dir: 0
 39 Nav Vert Cl: 000 Horz: 0000
 116 Nav Vert Cl Closed...: 000
 245 Deck Thickness Main...: 08.0
 Deck Thick Approach...: 00.0
 246 Overlay Thickness.....: 01.5
 211 Tons Structural Steel: 0000
 212 Year Last Painted....: 0000

SECTION 6 - Ratings

Screen 8

66 Inventory Type: 2 Rating:05
 64 Operating Type: 2 Rating:09
 231 Calculated Loads
 H-Modified.: 06 1
 HS-Modified: 00 0
 Type 3.....: 00 0
 Type 3S2....: 00 0
 Timber.....: 00 0
 Piggyback...: 00 0
 261 H Inventory Rating: 03
 262 H Operating Rating: 05

 67 Structural Evaluation...: 2
 58 Deck Condition.....: 5
 59 Superstructure Condition: 5
 *227 Collision Damage.....: 0
 60A Substructure Condition...: 3
 60B Scour Condition.....: 7
 60C Underwater Condition....: 5
 71 Waterway Adequacy.....: 8
 61 Channel Protection Cond.: 7
 68 Deck Geometry.....: 4
 69 UnderClr. Horz/Vert.....: N
 72 Appr. Alignment.....: 7
 62 Culvert.....: N

SECTION 7 - Posting Data

Screen 9

70 Bridge Posting Required: 0
 41 Struct Open, Posted, Cl: P
 *103 Temporary Structure....: 0

 232 Posted Loads H-Modified: 06
 HS-Modified: 00
 Type 3.....: 00
 Type 3S2....: 00
 Timber.....: 00
 Piggyback...: 00

 253 Notification Date: 04/07/95
 258 Fed Notify Date: 02/01/95 0

County	: BAKER	Type Median:	NONE
Route	: 12100, CR	Add.Lane lf:	NONE
Milepoint	: 0843	Add.Lane rt:	NONE
Number Lanes	: 02	Road system:	RURAL MINOR COLLECTOR
Travel Width	: 019	Int RD Name:	
Truck %	: 7.5	Type Signal:	NONE
94 ADT,95 ADT	: 000200, 000200	Inv Year	: 97
Access Control:	UNCONTROLLED	Yr.Improved:	00
Paces rating	: 60 (1997)	Type Improv:	UNKNOWN
Truck Route	: NO	Surface Typ:	MIXED BITUMINOUS
Accident Data	: CALL T&S	Pop Density:	RURAL OUTSIDE INCORP AREA
Right of Way	: EST-080	Operation	: TWO WAY (NON RESTRICTED)
Speed Limit	: 55	Description:	BRS50100 CHICKASAW
Left shd width:	05	Lft Shd Typ:	GRASS
Rgt shd width:	05	Rgt Shd Ttp:	GRASS
District	: TIFTON	Contact	: Joe Burns GIST 342-3044

A advance, B=go back, M=back to menu: A

1(023,039)

BRZLB-007 (2) BAKER COUNTY
P. I. No. 471420
CONCEPT MEETING MINUTES
February 18, 1999

The concept meeting on BRZLB-007 (2) BAKER COUNTY began at 10:30 a.m. with Zane Hutchinson, District Design Engineer, presiding. A sign-in sheet was passed and will be made a part of the minutes. The DOT Maintenance, Construction, and Baker County were not represented at the meeting. Mr. Hutchinson described the project as a bridge replacement on CR 124/Clear Lake Road at Chickasawhatchee Creek east of SR 37. Mr. Hutchinson described the existing and proposed typical section, traffic count, existing and proposed right of ways, proposed design speed, and the proposed structure. Mr. Hutchinson stated the road would be closed during construction, and Baker County would furnish an offsite detour. Kenny Vickers, District Construction Engineer, requested prior to meeting that the proposed bridge be 32 ft or wider.

Emory Giddens, representing the District Utilities Department, stated that Bell South is located on the north side of the roadway, and Georgia Power has transmitting lines on the south side. Mitchell EMC is located outside of the Georgia Power lines on the south side. Mitchell EMC is located outside of the existing right of way and will be reimbursed. Georgia Power is located on the existing right of way and may have prior easement and, if so, will be reimbursed. Bell South is located on the west end of the project and does not cross the creek. The relocation cost for all utilities is approximately \$38,300.00.

Donnie Murphy, District Utilities Engineer, stated if Georgia Power has an easement, their cost will be reimbursable, plus an ELA will have to be signed.

Danny Gay, representing the District Traffic Operations, stated there is no available accident history for the off system road. He stated he would like to see a realignment of the roadway. If not, have the County install adequate warning for the approaches of the proposed bridge.

Randall Carr, District Environmentalist, stated we would do a C.E. and will need a Nationwide 404 permit. There are no UST's or waste sites. Mr. Carr asked if the existing house on the west end of the project is going to be impacted. Mr. Hutchinson stated that some right of way or easement might be needed.

Mr. Hutchinson asked Randall if the house is historical, and Randall stated he did not think the house is historical.

Mr. Hutchinson asked if there were any more comments or questions. There were none.

Mr. Hutchinson asked the committee if they were in agreement with the concept. Everyone agreed and the meeting was concluded at 10:45 a.m.

Mr. Charlie Duke, Baker County Manager, called after the meeting and stated he is in agreement with the concept. Mr. Duke stated this bridge is scheduled for pilings and cap replacement.

Mr. Hutchinson contacted Scott Chambers, Assistant Area Engineer, and Mr. Chambers stated the existing bridge is scheduled for removal of the deck and the pilings and caps to be replaced.

Mr. Chambers stated he talked with Sonja Thompson, Area Engineer, and she recommends the proposed project (BRZLB-007 (2) BAKER) be deleted.

See attached letter from Roger Fowler, District State Aid Coordinator, related to this existing bridge.

DATA SHEET

Project Number: BRZLB-007 (2) BAKER CO.

P. I. No. 471420

Route No. NONE

Let Date: OCT. 2001

Project Description: BRZLB-007 (2) is a bridge replacement on CR. 121/Clear Lake Road in Baker Co. at Chickasawhatchee Creek East of SR 37. The existing typical section is a Rural two lane roadway with open ditches on 80 ft. of Rights of Way. The proposed typical section is a Rural two lane roadway with open ditches on 100 ft. of Rights of Way. The roadway will be closed during construction with Baker Co. furnishing the off-site detour. The project will begin at approximately ML 8.40 and the concept goes East for 0.12 miles to the end of the project at ML 8.52.

Existing Typical Section: 2-Lane Rural(18 ft. of asphalt paving, 5 ft. graded shoulders with open ditches.)

Existing Drainage Structure: CONCRETE BRIDGE 240 FT. X 22 FT. SUFF. RATING 21.3

Existing Right-of-Way: 80 FT.

Traffic Count: Present 2004 ADT 220 Future 2024 ADT 300

Posted Speed: 55 MPH

Proposed Speed Design: 55 MPH

Proposed Typical Section: 2-Lane Rural(22 ft. of asphalt paving, 5 ft. graded shoulders with 4:1 front slopes and open ditches.)

Proposed Drainage Structure: CONCRETE BRIDGE 240 FT. X 32 FT.

Proposed Right-of-Way: 100 FT.

Proposed Detour: ROADWAY TO BE CLOSED DURING CONSTRUCTION. BAKER CO. WILL FURNISH AN OFF-SITE DETOUR.

SIGN IN SHEET

PROJECT NO.: BRZLB-007 (2)

P. I. NO.: 471420

COUNTY: BAKER

DATE: FEBRUARY 18, 1999

TIME: 11:00 am

[illegible]


**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE Baker County

OFFICE Tifton

DATE February 16, 1999

FROM 
Roger H. Fowler, District State Aid Coordinator

TO Zane G. Hutchinson; District Design Engineer
Tifton

SUBJECT BAKER COUNTY
CONSTRUCTION WORK PROGRAM BRIDGE PROJECTS

Baker County has a D.O.T. County Contract to rehabilitate the following bridges by disassembling and replacing all piling for the following bridges.

Clear Lake Road (CR-121) over Chickasawhatchee Creek
Jones Road (CR-67/S-1586) over Mill Creek

Baker County plans to begin these repairs next month using the D.O. T. crane. I recommend that as soon as these repairs are accomplished, that Bridge Inspection reevaluation these bridges. At that time the status of these projects could be reevaluated.

If additional information is needed, please advise.

RHF: rf

C: Ronnie Nix



Department of Transportation

State of Georgia

#2 Capitol Square, S.W.

Atlanta, Georgia 30334-1002

October 21, 1998

WAYNE SHACKELFORD
COMMISSIONER
(404)656-5206

FRANK L. DANCHETZ
CHIEF ENGINEER
(404)656-5277

STEVEN L. PARKS
DEPUTY COMMISSIONER
(404)656-5212

BILLY F. SHARP
TREASURER
(404)656-5224

LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, the County of BAKER agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BRZLB-007(2), PI # 471420, BAKER County:

REPLACEMENT/BRIDGES

CR 121/CLEAR LAKE ROAD @ CHICKASAWHATCHEE CREEK E OF SR 37

[X] Provide all rights-of-way and/or easements needed for the construction of the project and remove existing structures or obstructions within the rights-of-way.

[X] Make all utility relocations, adjustments or betterments of publicly owned utilities that are in conflict with construction of this project. Reimburse Georgia D.O.T. for any damages paid to the contractor for delay of construction caused by a delay in relocating the publicly owned utilities.

[X] Relocate or adjust all privately owned utilities to clear construction of this project, including adjustments at railroad crossings if required.

[X] Furnish detours, local borrow & waste pits as needed.

[] We support this project but choose not to commit any funding, realizing this may delay the project until additional funding can be found.

This 9th day of November, 19 98

APPROVED

City/County Official



11-13-98

Design
Utilities
Files

ACCIDENT HISTORY
BRZLB-007 (2) BAKER COUNTY
P. I. No. 471420

There was no accident history available for this off-system roadway.

BRZLB-007 (2) BAKER CO.

P. I. NO. 471420

CR 121 @ CHICKASAWHATCHEE CK.



This map illustrates the proposed project area, which is shaded with a cross-hatch pattern. The area is irregularly shaped and covers a significant portion of the central and northern parts of the map. Key features include:

- Legend:** A box in the upper right corner distinguishes between "Existing" (solid line) and "Proposed" (cross-hatch pattern) infrastructure.
- Project Boundary:** The proposed project area is outlined by a thick black line and filled with the cross-hatch pattern.
- Geographic Labels:**
 - Cities and Towns:** Shellman, Bronwood, Casser, Morgan, Williamsburg, and others are labeled.
 - Creeks:** Ichawaynochaway Creek, Wolf Creek, and Coalewatee Creek are shown.
 - Highways:** Routes 41, 45, 82, 32, 37, 62, 91, 234, and 216 are marked.
 - Other Features:** Five Points, Andrew Jackson Monument, Aycock Mill, Cordova Mill, Lockett Cross, and Red Store Crossroad are also labeled.
- Area Measurements:** The text "199,260 acres" and "311 sq. miles" is printed within the shaded project area.
- Map Source:** The bottom left corner credits "© 1997 DeLorme. Street Atlas USA".

© 1987 DeLorme. Street Atlas USA

NOTICE OF LOCATION AND DESIGN APPROVAL

**BRZLB-007 (2)
Baker County
P.I. No. 471420**

NOTICE is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the location and design of the above project.

Project BRZLB-007 (2) will replace the bridge at Chickasawhatchee Creek on CR. 121/Clear Lake Road.

The date of location approval _____.

The proposed project will construct a new ²⁸~~32~~-ft wide by 240-ft. long bridge over the Chickasawhatchee Creek on CR. 121. The road will be closed during construction and Baker County will furnish an off site detour for the traveling public. The total length of the project is approximately 0.12 miles.

Drawings of the proposed project are on file and are available for public inspection at the Georgia Department of Transportation, 710 West Second Street, Tifton, Georgia 31794.

Any written request in reference to this Notice should include the Project and P.I. Numbers as noted at the top of this Notice and may be referred to:

Zane G. Hutchinson
District Design Engineer
Georgia Department of Transportation
710 West Second Street
Tifton, Georgia 31794
Telephone Number (912) 386-3300

NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP BAKER COUNTY, GEORGIA AND INCORPORATED AREAS

PANEL 75 OF 350

(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:

<u>COMMUNITY</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>
BAKER COUNTY	130270	0075	C

Notice to User: The MAP NUMBER shown below should be used when placing map orders; the COMMUNITY NUMBER shown above should be used on insurance applications for the subject community.

MAP NUMBER
13007C0075 C

EFFECTIVE DATE:
JUNE 19, 1997



Federal Emergency Management Agency

E. X

ZONE A

Creek

Spring

Chickasawhatchee

Creek

ZONE X

ZONE X

ZONE X

Project site

ZONE A

ROAD

S1930

CLEAR

LAKE

CHICKASAWHATCHEE
CREEK

ZONE Y

PROJECT CONCEPT REPORT

BRZLB-007 (2) P. I. NO. 471420 BAKER COUNTY

Federal Route No.: NONE

Date of Report: March 15, 1999

State Route No.: NONE

RECOMMENDATION FOR APPROVAL

This project is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or STIP.

Date

State Transportation Planning Administration

Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

3-15-99

Date

District Engineer/Tifton

Date

Project Review Engineer

Date

State Traffic Operation Engineer

3-22-99

Date

State Bridge & Structural Engineer

EXISTING ROADWAY

TYPICAL SECTION:	2-Lane Rural(18 ft. of asphalt paving, 5 ft. graded shoulders with open ditches.)	RIGHT-OF-WAY WIDTH 80 FT.
POSTED SPEED	DEGREE OF CURVE	MAX GRADE
55 mph	4	1 %

MAJOR STRUCTURES

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH	PRIORITY RATING	SUFF. RATING
Chickasawhatchee Creek	240	22	N/A	21.3

HAZARD INDEX: N/A

PROPOSED ROADWAY

LOCATION ON OLD ALIGNMENT

TYPICAL SECTION:	2-Lane Rural(22 ft. of asphalt paving, 5 ft. graded shoulders with 4:1 front slopes and open ditches.)			
DESIGN SPEED	DEGREE OF CURVE		MAX. GRADE	
55 MPH	ALLOWABLE	6	ALLOWABLE	7 %
	PROPOSED	4	PROPOSED	1 %

PROPOSED MAJOR STRUCTURES

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH
Chickasawhatchee Creek	240	32' 28" Mc 3/22/98

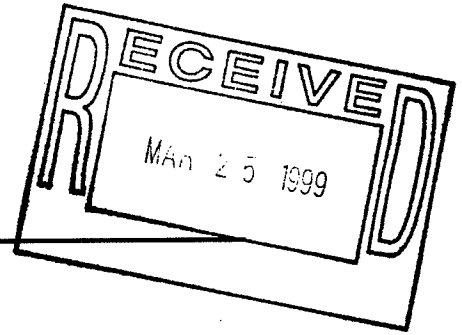
PROPOSED RIGHT-OF-WAY

RIGHT-OF-WAY WIDTH	PARCELS IMPACTED	DISPLACEMENTS			
100 FT.	3	RES.: 0	BUS.: 0	M. H.: 0	

TYPE OF ACCESS CONTROL: By permit.

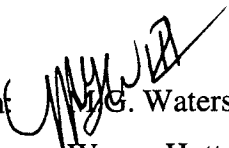
Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE



File: BRSLB-007(2)/Baker County
P.I. No. 471420

Office: Traffic Operations
Atlanta, Georgia
Date: March 23, 1999

From:  G. Waters, III, P.E., State Traffic Operations Engineer
To: Wayne Hutto, Assistant Director of Preconstruction

Subject: Project Concept Report Review

We have reviewed the concept report on the above project for the replacement of a narrow and unsafe bridge on Clear Lake Road(CR 121) over Chickasawhatchee Creek. The bridge has a sufficiency rating of 21.3. This project is located east of SR 37.

The existing roadway is a two lane, 18 feet of pavement, rural facility with 5 foot graded shoulders and open ditches. The existing bridge is 22 feet in width. The posted speed is 55 mph.

The new bridge will be 32 feet wide with a speed design of 55 mph. The proposed roadway will be a two lane, 22 feet of asphalt pavement, with 5 foot graded shoulders, 4:1 front slopes and open ditches. The design year traffic is 300 AADT.

Clear Lake Road will be closed during construction with an off site detour provided by Baker County.

We believe this concept will improve safety along this section of roadway.

We therefore find this report satisfactory for approval.

MGW:TWS

Attachment (signature page)

c: David Studstill
David Crim, District Engineer, Tifton
Attn: Zane Hutchinson
Bob Mustin, w/ attachment
Toni Dunagan
General Files

PROJECT CONCEPT REPORT

BRZLB-007 (2) P. I. NO. 471420 BAKER COUNTY

Federal Route No.: NONE

Date of Report: March 15, 1999

State Route No.: NONE

RECOMMENDATION FOR APPROVAL

This project is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or STIP.

Date

State Transportation Planning Administration

Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

Date

District Engineer/Tifton

Date

Project Review Engineer

Date

State Traffic Operation Engineer

Date

State Bridge & Structural Engineer

PROJECT CONCEPT REPORT

BRZLB-007 (2) P. I. NO. 471420 BAKER COUNTY

Federal Route No.: NONE

Date of Report: March 15, 1999

State Route No.: NONE

RECOMMENDATION FOR APPROVAL

This project is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or STIP.

3/26/99
Date


State Transportation Planning Administration

Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

3-15-99
Date


District Engineer/Tifton

Date

Project Review Engineer

Date

State Traffic Operation Engineer

Date

State Bridge & Structural Engineer

PROJECT CONCEPT REPORT

BRZLB-007 (2) P. I. NO. 471420 BAKER COUNTY

Federal Route No.: NONE

Date of Report: March 15, 1999

State Route No.: NONE

RECOMMENDATION FOR APPROVAL

This project is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or STIP.

Date

State Transportation Planning Administration

Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

Date

District Engineer/Tifton

Date

Project Review Engineer

Date

State Traffic Operation Engineer

Date

State Bridge & Structural Engineer

EXISTING ROADWAY

TYPICAL SECTION:	2-Lane Rural(18 ft. of asphalt paving, 5 ft. graded shoulders with open ditches.)	RIGHT-OF-WAY WIDTH 80 FT.
POSTED SPEED	DEGREE OF CURVE	MAX GRADE
55 mph	4	1 %

MAJOR STRUCTURES

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH	PRIORITY RATING	SUFF. RATING
Chickasawhatchee Creek	240	22	N/A	21.3

HAZARD INDEX: N/A

PROPOSED ROADWAY

LOCATION ON OLD ALIGNMENT

TYPICAL SECTION:	2-Lane Rural(22 ft. of asphalt paving, 5 ft. graded shoulders with 4:1 front slopes and open ditches.)			
DESIGN SPEED	DEGREE OF CURVE		MAX. GRADE	
55 MPH	ALLOWABLE	6	ALLOWABLE	7 %
	PROPOSED	4	PROPOSED	1 %

PROPOSED MAJOR STRUCTURES

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH
Chickasawhatchee Creek	240	28'

PROPOSED RIGHT-OF-WAY

RIGHT-OF-WAY WIDTH	PARCELS IMPACTED	DISPLACEMENTS			
100 FT.	3	RES.: 0	BUS.: 0	M. H.:	0

TYPE OF ACCESS CONTROL: By permit.

